Remarks

This Amendment is being made to correct typographical errors in the subject specification and claims. No new matter is being added by this submission.

The Commissioner is hereby authorized to charge any fees under 37 CFR §§1.16 or 1.17 as required by this paper to Deposit Account No. 19-0065.

The applicants also invite the Examiner to call the undersigned if clarification is needed on any of this response, or if the Examiner believes a telephone interview would expedite the prosecution of the subject application to completion.

Respectfully submitted,

David Saliwanchik

David R. Saliwanchik
Patent Attorney
Registration No. 31,794
Phone No.: 352-375-8100
Fax No.: 352-372-5800
Address: 2421 N.W. 41st Street, Suite A-1
Gainesville, FL 32606-6669

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Attachments: Marked-Up Version of Substitute Specification
Marked-up Version of Substitute Claims

Marked-up Version of Substitute Specification

Page 3, lines 18-20:

Bacterial wilt caused by [*Ralstoria*] *Ralstonia solanacearum* (Rs) is a major disease problem in fresh tomato production fields in north Florida. Fusarium is also an important plant pathogen.

Page 6, lines 8-13:

Essential oils of tea tree (Melalcuca alternifolia), marjoram (Thymus masiichina), oregano (Origanum vulgure), thyme (*Thymus vulgaris*) and palmarosa (*Cynbopogon martini*) were tested *in vitro* and in greehouse grown tomatoes for their efficacy against [*Ralstoria*] *Ralstonia solenacearum* (Rs). Also thymol, one of the fractions of thyme oil, was tested *in vitro* and in greenhouse. Thymol, the vapor effect of palmarosa and thyme essential oils are effective against Rs. Geraniol has also been found to be effective for the control of plant pathogens. In a preferred embodiment of the subject invention, essential oils can be integrated into the management of bacterial wilt and nematodes (such as *Meloides* sp.) on tomato.

Page 6, line 25 through page 7, line 5:

The compositions and methods described herein can be used to control a broad range of fungal and bacterial targets. These targets include, but are not limited to species of *Penicillium* (*i.e.*, *expansum, digitatum, italicum*), [*Ralstoria*] *Ralstonia* sp., *Botrytis* sp., *Monilinia* sp., *Alternaria* sp., *Aspergillus* sp., *Rhizopus* sp., members of the Erisyphales (powdery mildews *Sphaerotheca* sp., *Erisyphe* sp., *Uncinula* sp., *Podosphaera* sp.), members of the Peronosporales (downy mildews, *Phytopthora* sp., *Pythium* sp., *Peronospora* sp.) Hemibasidiomycetes (rusts and smuts), *Venturia* sp., *Cercospora* sp., *Pseudocercosporella* sp., *Cercospora* sp., *Cercosporidium* sp., *Fusarium* sp., *Ophiostoma* sp. and other wood staining fungi, and *Diplodia* sp., other targets include *Erwinia* sp., *Pseudomonas* sp., and *Xanthomonas* sp, and nematodes (including *Meloides* sp.).

Marked-up Version of Amended Claim

Claim 8 (amended):

The method, according to claim 1, wherein said essential oil is used to control a plant pathogen selected from the group consisting of *Penicillium* sp., *Botrytis* sp., *Monilinia* sp., *Alternaria* sp., *Aspergillus* sp., *Rhizopus* sp., *Sphaerotheca* sp., *Erisyphe* sp., *Uncinula* sp., *Podosphaera* sp., *Phytopthora* sp., *Pythium* sp., *Peronospora* sp., [*Ralstoria*] *Ralstonia* sp., Hemibasidiomycetes, nematodes, *Venturia* sp., *Cercospora* sp., *Pseudocercosporella* sp., *Cercospora* sp., *Cercosporidium* sp., *Fusarium* sp., *Ophiostoma* sp. and other wood staining fungi, *Diplodia* sp., *Erwinia* sp., *Pseudomonas* sp., and *Xanthomonas* sp.

Claim 9 (amended):

The method, according to claim 8, wherein said pathogen is [*Ralstoria*] *Ralstonia solenacearum*.

Claim 10 (amended):

The method, according to claim 9, wherein said [*Ralstoria*] *Ralstonia solenacearum* is controlled using an agent selected from the group consisting of thyme essential oil, thymol, palmarosa oil and geraniol.

Claim 16 (amended):

The method, according to claim 16, wherein said plant pathogen is [*Ralstoria*] *Ralstonia solenacearum*.

Claim 17 (amended):

The method, according to claim 17, wherein tomatoes are protected against said [*Ralstoria*] *Ralstonia solenacearum* by an essential oil from palmarosa or thyme.